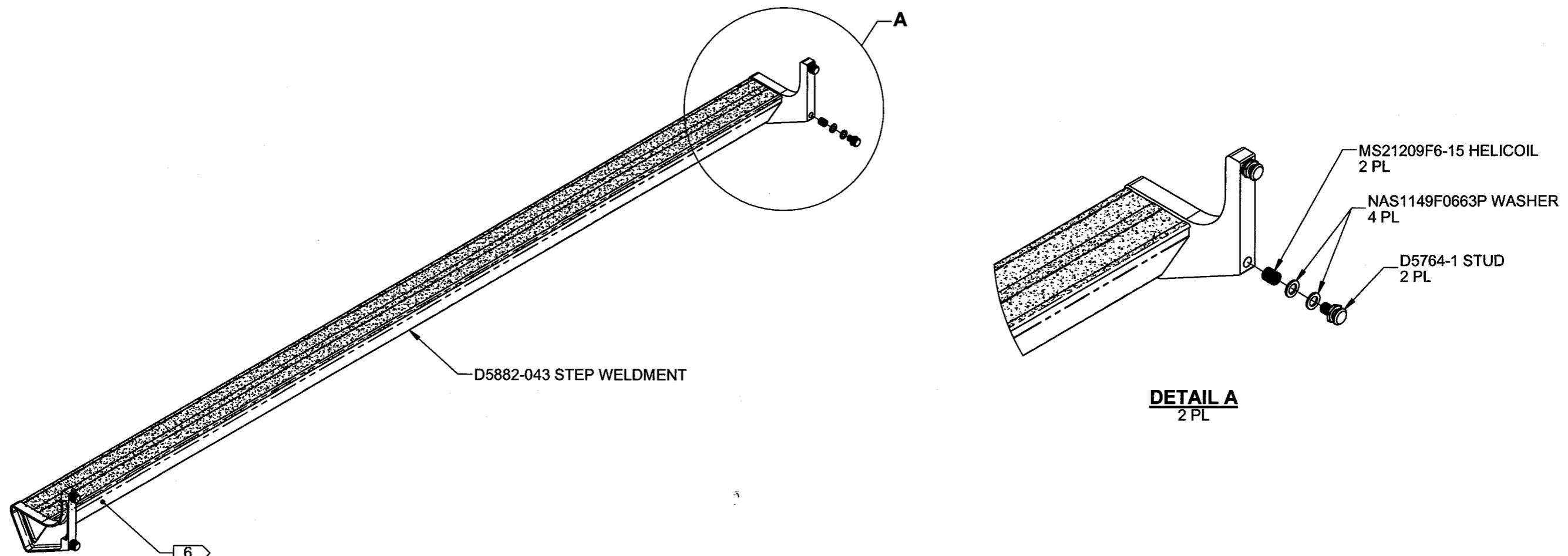


8 7 6 5 4 3 2 1

QTY -041	P/N	DESCRIPTION
X	D5882-041	QUICK RELEASE STEP ASSEMBLY
4	D5764-1	STUD
1	D5882-043	STEP WELDMENT
4	MS21209F6-15	3/8 - 24 UNF HELICOIL
8	NAS1149F0663P	WASHER



D5882-041 QUICK RELEASE STEP ASSEMBLY
(DERIVED FROM AERO DESIGN P/N 96911-01)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5882-041" PER DART QSI 044 6.1
- 7) WEIGHT: 5.84 lbs

RELEASED

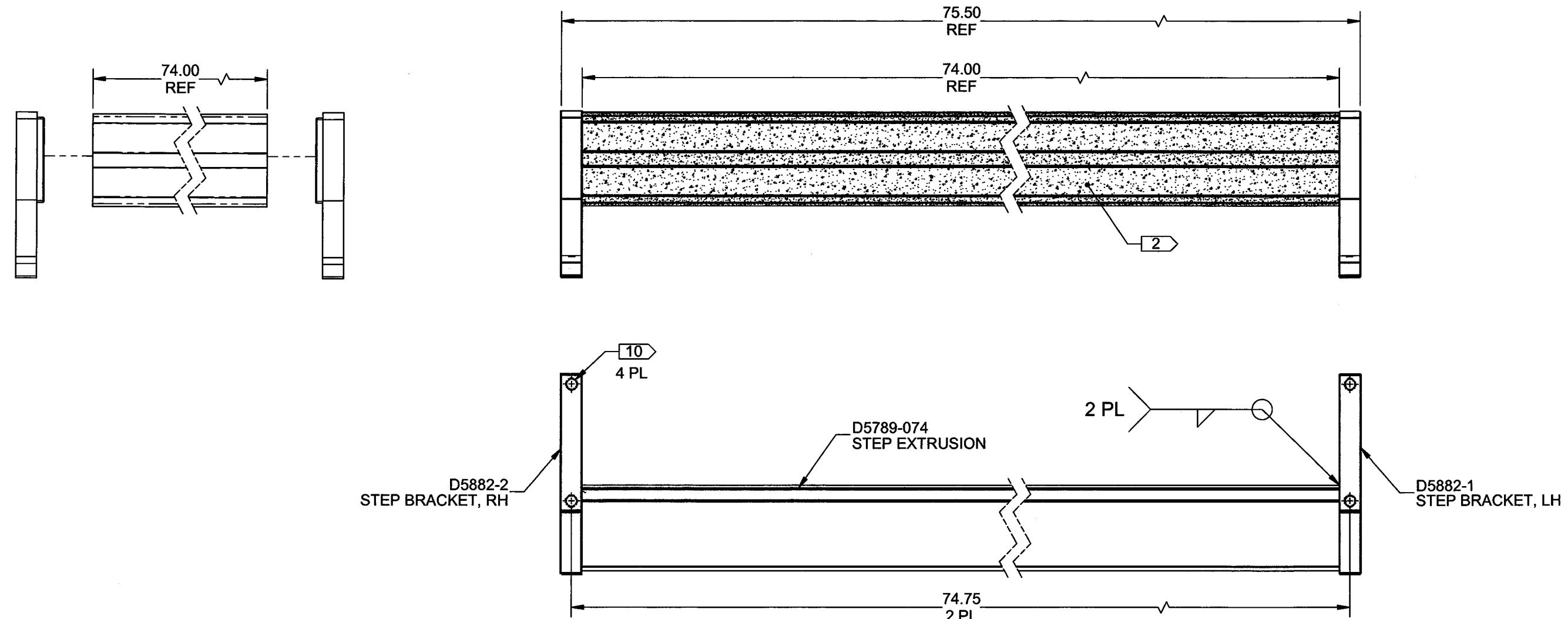
2021 MAY 26
HB ECR 21-134

APPROVED

B	SHT 2 ZNA8: UPDATE NOTE 9 AND 10. SHT 3 ZNC3 AND SHT 4 ZN C4: INCREASE HELICOIL THREAD DEPTH TO 0.625, UPDATE MATERIAL SPECIFICATION, UPDATE NOTE 8			JC	20.11.30
A	NEW ISSUE			RF	20.01.13
REV.	DESCRIPTION			BY	DATE
DESIGN	RF	DART AEROSPACE LTD			A
DRAWN	JC	HAWKESBURY, ONTARIO, CANADA			
CHECKED	SAD	DRAWING NO.	REV. B		
MFG. APPR.	DD	D5882	SHEET 1 OF 4		
APPROVED	CP	TITLE	SCALE		
DE APPR.	CP	QUICK RELEASE STEP	NTS		
DATE	20.11.30	COPYRIGHT © 2020 BY DART AEROSPACE LTD			
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QTY -043	P/N	DESCRIPTION
X	D5882-043	STEP WELDMENT
1	D5789-074	STEP EXTRUSION
1	D5882-1	STEP BRACKET, LH
1	D5882-2	STEP BRACKET, RH



D5882-043 STEP WELDMENT

RELEASED

2021 MAY 26 *RP*

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION COAT D5789-074 STEP EXTRUSION PER QSI 005 4.1 PRIOR TO WELDING.
TOUCH UP CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 WHERE REQUIRED AFTER WELDING
POWDER COAT WHITE GLOSS (4.3.5.1) PER DART QSI 005 4.3

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: PER DART QSI 044

7) WEIGHT: 5.65 lbs

8) WELD PER QSI 004

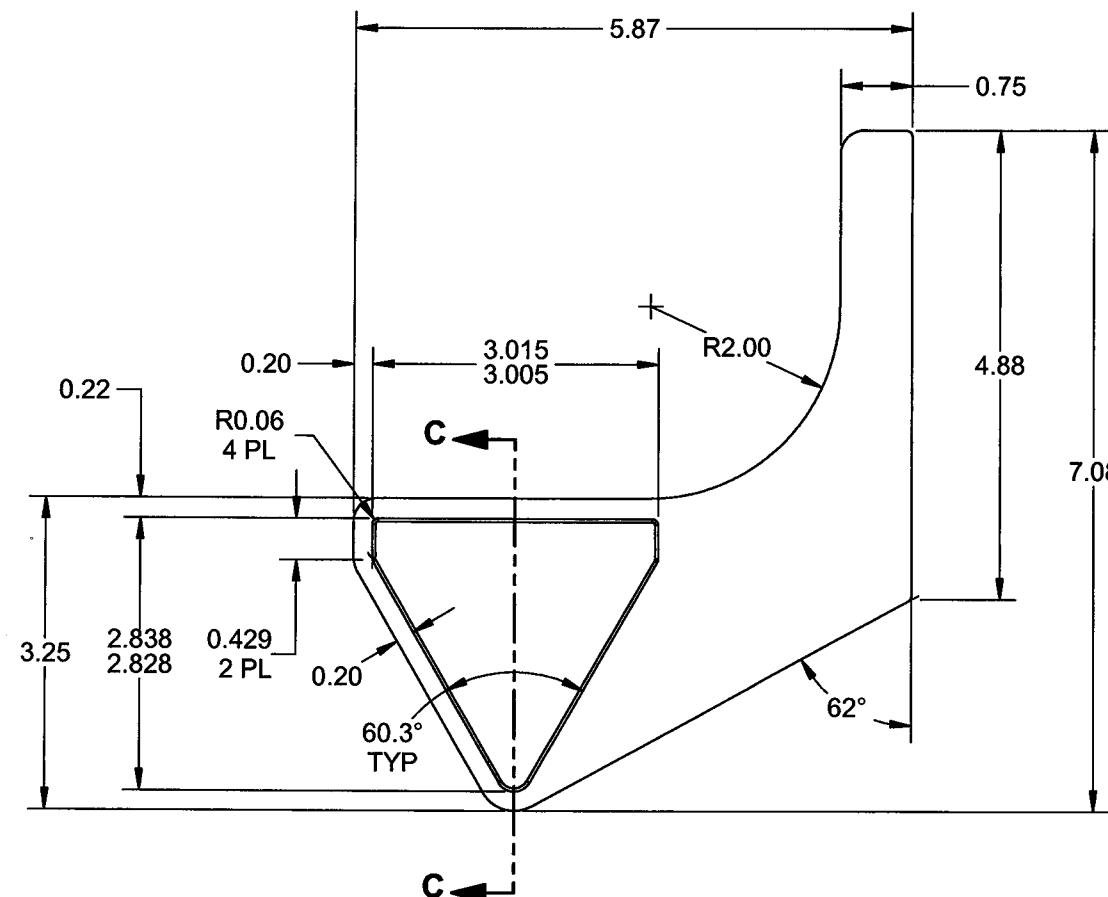
9) DRILL #30 (ϕ 0.129) VENT HOLES AS REQUIRED IN EXTRUSION. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH

10) MASK HOLES PRIOR TO POWDER COAT

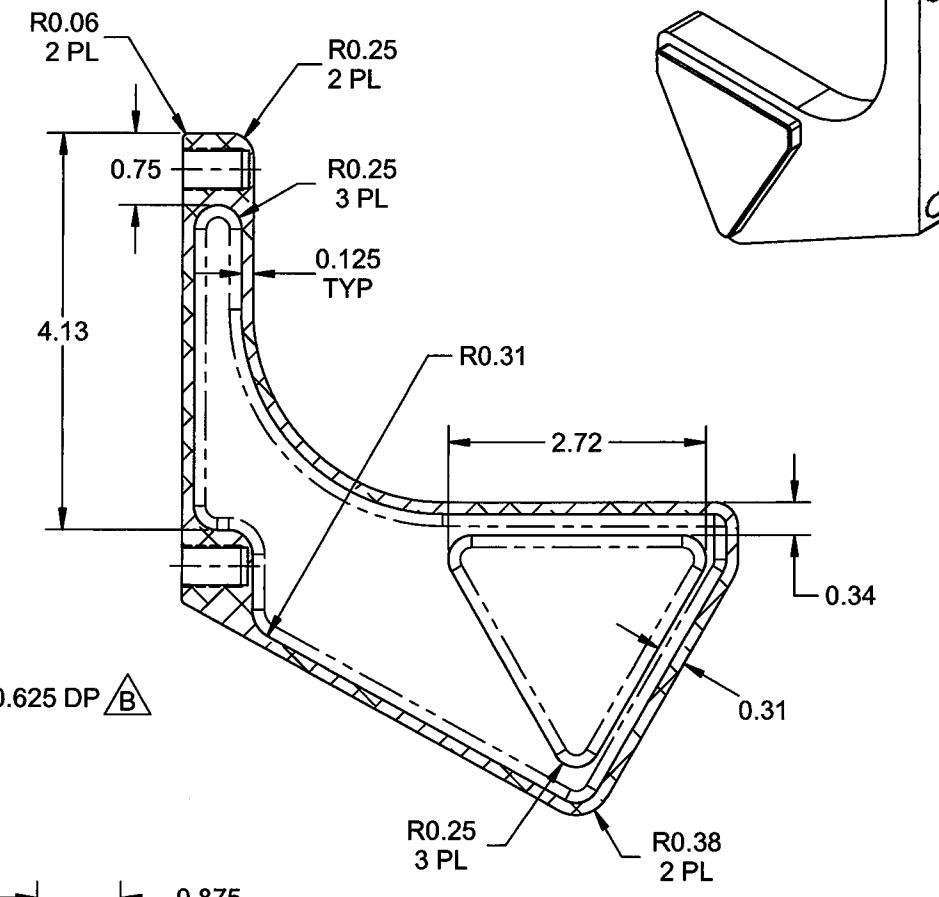
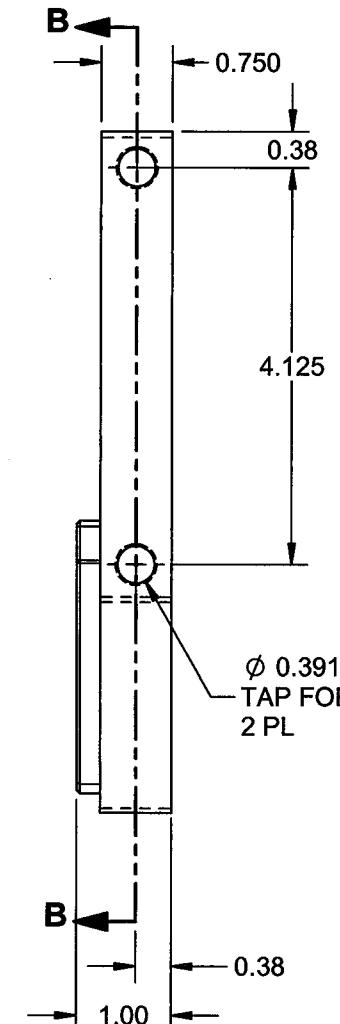
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DESIGN	RF	DART AEROSPACE LTD	
DRAWN	JC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	DRAWING NO.	
MFG. APPR.	DD	REV. B	
APPROVED	CP	D5882	
DE APPR.	CP <i>RP</i>	SHEET 2 OF 4	
DATE	20.11.30	TITLE	QUICK RELEASE STEP
		SCALE	NTS
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D5882-1 STEP BRACKET, LH
(DERIVED FROM AERO DESIGN P/N 96921-02)



SECTION B-B

SECTION C-C

NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
OR 6061-T6/T62/T651 ALUMINUM SHEET OR PLATE
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR 4027 OR ASTM B209
REF DART SPEC M6061T6S
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 0.44 lbs
- 8) ALL UNDEFINED FEATURES CONTROLLED BY D5882-1 STEP REV. B



A

RELEASED

2021 MAY 26 *up*

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	JC	
CHECKED	SAD	DRAWING NO.
MFG. APPR.	DD	D5882
APPROVED	CP	REV. B
DE APPR.	CP <i>up</i>	SHEET 3 OF 4
DATE	20.11.30	TITLE SCALE QUICK RELEASE STEP NTS

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